

#133A 30-039-23711

#63 30-039-20731

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Location: Unit E Sec. 27 Twp 27 Rng 4

Name of Well/Wells or Pipeline Serviced S.J. 27-4 unit #133A +

SJ 27-4 unit #63

Elevation _____ Completion Date 10-22-92 Total Depth 440' Land Type S

Casing Strings, Sizes, Types & Depths 100' of 8" PVC

If Casing Strings are cemented, show amounts & types used 21 SACKS

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NONE

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 120' Fresh water

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: 440', 65 SACKS

of Loresco type SW

Depths anodes placed: 425, 415, 405, 385, 370, 360, 353, 335, 325, 275, 265, 245, 230, 165, 150

Depths vent pipes placed: 440'

Vent pipe perforations: Bottom 305'

Remarks: _____

RECEIVED
JAN 31 1994
OIL CON. DIV.
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

API WATER ANALYSIS REPORT FORM

Laboratory No. 259-21109-2G

Company <u>MERIDIAN OIL</u>		Sample No.		Date Sampled <u>10/22/92</u>	
Field <u>E-27-27-4</u>		Legal Description		County or Parish <u>RIO ARKIBA</u>	
Lease or Unit <u>2459W</u>		Well <u>SS 27-4 No. 133A</u>		Depth	
Type of Water (Produced, Supply, etc.)		Sampling Point <u>GROUND BED</u>		Water, B/D	
				Formation <u>MV</u>	
				State <u>NM</u>	
				Sampled By <u>KEITH BISHOP</u>	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc.)	<u>67</u>	<u>2.9</u>
Calcium, Ca	<u>59</u>	<u>2.9</u>
Magnesium, Mg	<u>10</u>	<u>0.8</u>
Barium, Ba		

OTHER PROPERTIES

pH

Specific Gravity, 60/60 F.

Resistivity (ohm-meters) 72 F.

8.0

1.0036

15

Total Dissolved Solids (calc.)

500 mg/L

ANIONS

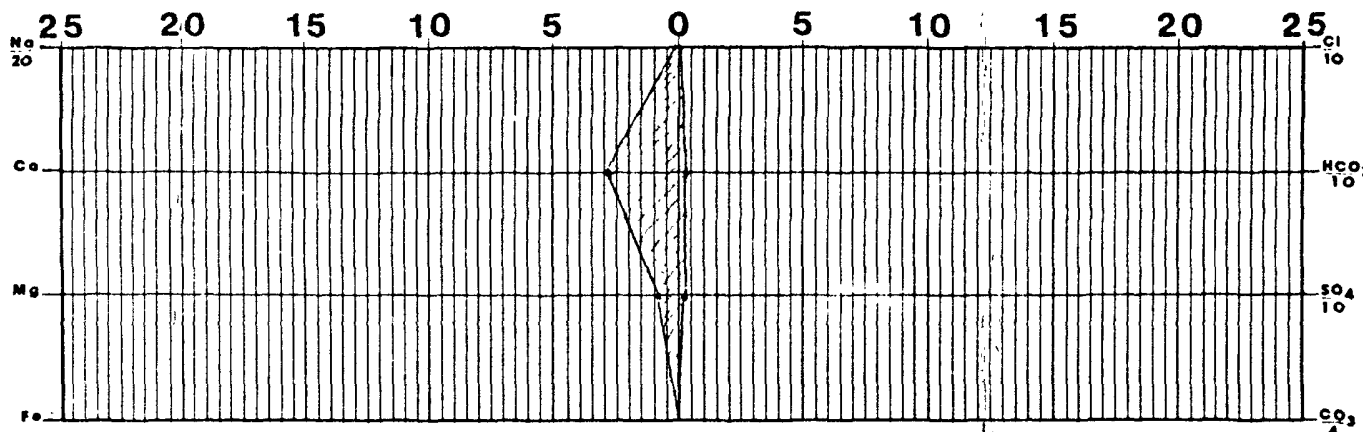
Chloride, Cl	<u>24</u>	<u>0.7</u>
Sulfate, SO_4	<u>120</u>	<u>2.5</u>
Carbonate, CO_3	<u>ND</u>	<u>ND</u>
Bicarbonate, HCO_3	<u>210</u>	<u>3.4</u>

Iron, Fe (total)

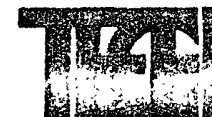
Sulfide, as H_2S

REMARKS & RECOMMENDATIONS:

ND = Not Detected



Date Received <u>11/9/92</u>	Preserved	Date Analyzed <u>11/11-12 1992</u>	Analyzed By <u>Stoika</u>
---------------------------------	-----------	---------------------------------------	------------------------------



TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311